Here are so review questions for the coming exam. I recommend trying to code each of these "by hand." After that, test your code by writing your solutions in for favorite IDE. Have a friend give you a "grade." Make sure to give your friend a "grade" on theirs as well. Ask questions! Why did you write that line of code? What does this line of code do?

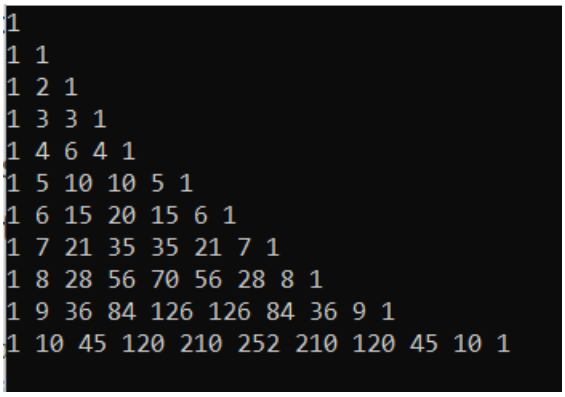
1. For a list of numbers, print the numbers divisible by 6.
2. For a list of numbers, store the numbers that are divisible by both 3 and 7 in a new list called newList.
3. For a list of numbers, print the largest, smallest, average, and sum.
4. Write some code that prints a portion of a calendar.

```
Week 1
   Monday:
   Tuesday:
   Wednesday:
   Thursday:
   Friday:
Week 2
   Monday:
   Tuesday:
   Wednesday:
   Thursday:
   Friday:
Week 3
   Monday:
   Tuesday:
   Wednesday:
   Thursday:
   Friday:
Week 4
   Monday:
   Tuesday:
   Wednesday:
   Thursday:
   Friday:
```

5. Write some code that prints a times table for two given inputs.
   For example, *timesTable(10,8)* produces the following,

```
 1  2  3  4  5  6  7  8  9 10
 2  4  6  8 10 12 14 16 18 20
 3  6  9 12 15 18 21 24 27 30
 4  8 12 16 20 24 28 32 36 40
 5 10 15 20 25 30 35 40 45 50
 6 12 18 24 30 36 42 48 54 60
 7 14 21 28 35 42 49 56 63 70
 8 16 24 32 40 48 56 64 72 80
```

6. Write some code that prints Pascal's Triangle. The user should be able to pick the level (depth of the triangle)... Also, think about functions...
   Here's what should happen when the user picks 10.



7. For the two lists below,
   list1 = ["cats", "1", "eggs", " bunny', "milk", "butter", "ashley"]
   list2 = ["dogs", "2", "dogs", "milk", "bread", "matt", "dogs"]
   (a) write some code that prints everything, they have in common.
   (b) write some code that prints everything, they have in common. Make sure each element is printed at most once.
   (c) write some code prints all the unique elements in both lists. For example, 'cats' appears in both lists, but should only print once. Also, 'dogs' appears multiple times, but in only one of the lists. It should only print once.
   (d) write some code that prints the elements of list1 that are *not* also in list2.